

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1 - 11 (canceled).

12. (Currently Amended) Process for preparing a suspension of a particulate filler in a material formed by a silicone oil comprising:

polyorganosiloxanes (POS fluids) of type (I) which carry Si-alkenyl functional groups capable of reacting with the Si-H crosslinking functional groups of a POS fluid of type (II),

optionally, POS fluids of type (II) which carry Si-H crosslinking functional groups capable of reacting with the Si-alkenyl functional groups of the POS fluids (I), and/or, optionally, POS fluids of type (III) which differ from the POS fluids (I) and (II),

the suspension being able to be used for producing silicone compositions that can be cured by polyaddition,

this process being one in which the particulate filler is treated with the aid of a compatibilizing agent or compatibilizer,

the process comprising introducing a compatibilizer into ~~the preparation a~~ mixture of silicone oil and particulate filler:

after contacting of at least part of the silicone oil employed with at least part of the particulate filler used, this compatibilizer introduction optionally taking place in a first step for a compatibilizer fraction corresponding to a proportion of at most 8% by

dry weight with respect to the total particulate filler; ~~or~~

~~after this POS/filler contacting.~~

13. (Previously Presented) Process according to Claim 12, comprising:

mixing a total of:

100 parts by weight of silicone oil,

0 to 5 parts by weight of water,

20 to 80 parts by weight of particulate filler comprising silica; and

1 to 20 parts by weight of compatibilizer selected from silazanes or a mixture of silazanes;

leaving the above to react,

heating the mixture obtained at a pressure and temperature so that at least some of the water and of the volatile elements undergoes devolatilization; and,

if necessary, cooling the mixture.

14. (Currently Amended) Process according to Claim 12, wherein:

a first compatibilizer fraction is replaced, completely or partly, with at least one processing aid, wherein the at least one processing aid is different from the first compatibilizer fraction and is selected from molecules or combinations of molecules which are capable of interacting with the particulate filler, to the detriment of the hydrogen bonds that this particulate filler establishes between its own atoms and/or with those of the silicone oil, and are capable of being removed from the preparation mixture by devolatilization, and said processing aid is in the presence of water in the preparation mixture.

15. (Currently Amended) Process according to Claim ~~13~~ 14, wherein the processing aid is selected from:

silazanes;

difunctional, or monofunctional, hydroxylated siloxanes;

amines;

organic acids; or

mixtures thereof.

16. (Currently Amended) Process according to Claim 12, wherein the silicone oil is an alkenylated silicone oil comprising at least two Si-alkenyl groups per molecule and having a dynamic viscosity at 25°C not exceeding 250 Pa.s, and the particulate filler comprises a silica having a BET specific surface area of between 50 and 400 m²/g and the mixing conditions are such that the dynamic viscosity at 25°C of the suspension does not exceed 300 Pa.s ~~are chosen~~.

17. (Cancelled)

18. (Currently Amended) Process according to Claim ~~17~~ 35, wherein the silicone composition is produced in the form of a two-component system comprising parts C₁ and C₂ which are intended to be brought into contact with each other in order to produce an elastomer crosslinked by polyaddition between the POS fluids (I) and (II),

and only one of the parts, C₁ or C₂, contains some catalyst ~~D~~ B and,

optionally, one or the other of the POS fluids (I) and (II).

19. (Previously Presented) Process according to Claim 12, wherein said particulate filler is a siliceous filler.

20. (Previously Presented) Process according to Claim 12, wherein said Si-alkenyl functional groups are Si-vinyl groups.

21. (Previously Presented) Process according to Claim 12, wherein said compatibilizer fraction corresponds to a proportion of at most 5% by dry weight with respect to the total particulate filler.

22. (Previously Presented) Process according to Claim 12, wherein said compatibilizer fraction corresponds to a proportion of at most 3% by dry weight with respect to the total particulate filler.

23. (Previously Presented) Process according to Claim 13, wherein said silazanes or said mixture of silazanes are disilazanes.

24. (Previously Presented) Process according to Claim 13, wherein said silazanes or said mixture of silazanes comprises hexamethyldisilazane, optionally combined with divinyltetra-methyldisilazane.

25. (Previously Presented) Process according to Claim 14, wherein said

molecules or combinations of molecules are capable of interacting with silicon.

26. (Previously Presented) Process according to Claim 15, wherein said silazanes comprise hexamethyldisilazane.

27. (Previously Presented) Process according to Claim 15, wherein said amines are ammonia and/or alkylamines.

28. (Previously Presented) Process according to Claim 15, wherein said organic acids are formic acid and/or acetic acid.

29. (Previously Presented) Process according to Claim 16, wherein said alkenylated silicone oil is vinylated silicone oil.

30. (Previously Presented) Process according to Claim 16, wherein said at least two Si-alkenyl groups are located at one end of the molecule chain.

31. (Previously Presented) Process according to Claim 16, wherein said silicone oil has a dynamic viscosity at 25°C not exceeding 100 Pa.s.

32. (Previously Presented) Process according to Claim 16, wherein said silicone oil has a dynamic viscosity at 25°C not exceeding 10 Pa.s.

33. (Previously Presented) Process according to Claim 16, wherein said dynamic

viscosity at 25°C of the suspension does not exceed 250 Pa.s.

34. (Previously Presented) Process according to Claim 16, wherein said dynamic viscosity at 25°C of the suspension does not exceed 200 Pa.s.

35. (New) Process for obtaining a silicone composition that can be cured by polyaddition, the process comprising:

(a) preparing a suspension (A) comprising a particulate filler and a silicone oil, wherein the suspension is prepared in a process comprising introducing a compatibilizer after contacting of the silicone oil and filler, wherein the introduction of the compatibilizer is preformed in a first step for a compatibilizer fraction corresponding to a proportion of at most 8% by dry weight with respect to the total particulate filler;

wherein the suspension (A) is comprised of polyorganosiloxanes (POS fluids) of type (I) which carry Si-alkenyl functional groups capable of reacting with the Si-H crosslinking functional groups of a POS fluid of type (II), optionally, POS fluids of type (II) which carry Si-H crosslinking functional groups capable of reacting with the Si-alkenyl functional groups of the POS fluids of type (I), and/or optionally POS fluids of type (III) which differ from the POS fluids (I) and (II), and

(b) mixing suspension (A) with a catalytic system (B) comprising a catalyst and optionally an inhibitor.